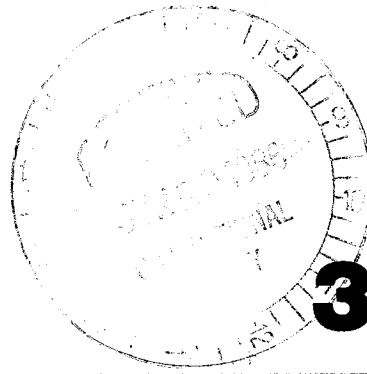


General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110



DPM 842,
DPM 842-3

**MATERIAL SAFETY
DATA SHEET**

DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: 3M Brand EC-776 Fuel Resistant Coating
3M I.D. NUMBER: 62-0776-6530-5 62-0776-8530-3 62-0776-9530-2

ISSUED: NOVEMBER 25, 1985
SUPERSEDES: MAY 1, 1983
DOCUMENT: 10-2460-3

=====		EXPOSURE	
1. INGREDIENTS	C.A.S. NO.	PERCENT	LIMITS
=====			
acrylonitrile/butadiene rubber	N/A		N/D 5
phenol-formaldehyde resin	N/A		N/D 5
TOTAL OF THE ABOVE	N/A	26.0	N/D 5
methyl isobutyl ketone (M.I.B.K.)	108-10-1	61.0	50 ppm 1
ethyl alcohol (denatured)	64-17-5	7.0	1000 ppm 1
methyl ethyl ketone (M.E.K.)	78-93-3	6.0	200 ppm 1

SOURCE OF EXPOSURE LIMIT DATA:
1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

ABBREVIATIONS:
N/D - Not Determined
N/A - Not Applicable

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2. PHYSICAL DATA	
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BOILING POINT:	164F (Ethyl alcohol)
VAPOR PRESSURE:	368F 42.10 mm
VAPOR DENSITY (Air=1):	3.0
EVAPORATION RATE (Ether=1):	>5.0
APPEARANCE AND ODOR:	Transparent amber, thin liquid -- characteristic ketone odor
SOLUBILITY IN WATER:	Insoluble
SP. GRAVITY (Water=1):	0.88
PERCENT VOLATILE:	74.0
VISCOSITY:	950 Centistokes
pH:	N/A

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (Closed Cup/Setaflash): 50F
FLAMMABLE LIMITS - LEL: 1.4 UEL: 19

EXTINGUISHING MEDIA:

CO2, foam, dry chemicals

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Flammable. Overheated, closed containers adjacent to fire could explode due to pressure buildup.

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2, N and smoke particles when subjected to excessive heat or flame.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

Observe precautions in all sections. Extinguish all ignition sources, collect spilled material, clean up residue and store in closed metal container (U.S. Dept. of Transportation approved if shipped).

RECOMMENDED DISPOSAL:

Commercial incineration with destruction and removal efficiency greater than 99.99% or reclamation is preferred. Otherwise, dispose in accordance with applicable regulations.

U.S. EPA Hazardous Waste Number: D001 (Ignitable).

ENVIRONMENTAL DATA:

N/D

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DATA SHEET**



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6. SUGGESTED FIRST AID

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EYE CONTACT:

Immediately flush eyes with plenty of water for at least 10 minutes and call a physician.

SKIN CONTACT:

Wash with soap and water.

INHALATION:

Move affected person to fresh air at once. Restore or support breathing as necessary. If breathing difficulties persist, call a physician.

IF SWALLOWED:

Do not induce vomiting. Give victim two glasses of milk or water to drink and call a physician immediately. If spontaneous vomiting should occur, lower the victim's head between the knees to prevent aspiration into the lungs.

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7. PRECAUTIONARY INFORMATION

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Keep away from heat, sparks and flame. Use only in areas adequately ventilated with enough air movement to remove vapors and prevent vapor buildup. Prevent eye contact. Avoid skin contact. Avoid prolonged breathing of vapors. Keep container closed when not in use. Keep out of reach of children.

NOTE: Utilize personal protective equipment when handling this product, i.e. impervious gloves and chemical goggles or safety glasses, whichever is most appropriate in the work situation. Provide local exhaust ventilation if necessary to keep vapor level below the permissible exposure limits.

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8. HEALTH HAZARD DATA

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EYE CONTACT: Liquid and vapor may cause severe irritation. Symptoms include edema, redness, tearing, burning sensation and blurred vision.

SKIN CONTACT: May cause irritation on prolonged or repeated contact. May produce rough, red, dry skin with prolonged exposure.

INHALATION: Inhalation of vapor concentrations which exceed the established exposure limits (T.L.V.) may cause respiratory system irritation. Symptoms of overexposure include dizziness, weakness, fatigue, nausea and headache. Extreme overexposure such as occurs with intentional inhalation of solvent vapors may cause unconsciousness and death. Chronic overexposure may cause liver and kidney damage.

NOTE: Chronic overexposure to methyl ethyl ketone (M.E.K.) has shown potential embryo/fetotoxin effects based on studies in laboratory animals. No reproductive effects are associated with human exposure to methyl ethyl ketone.

INGESTION: May cause digestive system irritation. Symptoms include nausea, vomiting and diarrhea.

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.